



GE Silicones

FORMAT:USA

MATERIAL SAFETY DATA SHEET

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PRODUCT: GE5090

RTV SILICONE RUBBER COMPOUND

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:

GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

SUPPLIED BY:

GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188EMERGENCY PHONE (24 HRS)
(518) 237-3330EMERGENCY PHONE (24 HRS)
(518) 237-3330

REVISED: 02/26/99

PREPARER: CE HANNIGAN

CHEMICAL FAMILY/USE: SILICONE RUBBER SEALANT

FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	STEL	UNITS
A. HAZARDOUS						
HEXAMETHYLDISILAZANE						
999-97-3	1-5	25(R)	NE	35	STEL NE	(R) PPM
AMINOETHYLAMINOPROPYLTRIMETHOXYSILOXANE						
1760-24-3	1-5	NF	NE	NF	NE	NA
B. NON-HAZARDOUS						
ME-DIMETHOXY/STPD POLYDIME-SILOXANE						
68037-58-1	30-60	NA	NE	NA	NE	NA
DIMETHYLPOLYSILOXANE						
63148-62-9	5-10	NA	NE	NA	NE	NA
CALCIUM CARBONATE						
1317-65-3	30-60	10	NE	15	NE	MG/M3
TETRAMER TREATED FUMED SILICA						
68583-49-3	1-5	10	NE	15	NE	MG/M3
SILANOL/STPD SILOXANE W/ME SILSQXNS						
68554-67-6	1-5	NF	NE	NF	NE	NA

See Section 15 for description of any WHMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

May be harmful if swallowed.

SKIN CONTACT:

Uncured product contact will irritate lips, gums and tongue

Uncured product contact may irritate the skin.

INHALATION:

*** CONTINUED ON NEXT PAGE ***

Causes mild respiratory irritation
Applies only in uncured state.

EYE CONTACT:

Uncured product contact irritates eyes.

MEDICAL CONDITIONS AGGRAVATED:

None known.

SUBCHRONIC (TARGET ORGAN) EFFECTS:

None known.

CHRONIC EFFECTS/CARCINOGENICITY:

This product or one of its ingredients present 0.1% or more
is NOT listed as a carcinogen or suspected carcinogen by
NTP, IARC, or OSHA.

PRODUCTS/INGREDIENTS

This space reserved for special use.

PRINCIPLE ROUTES OF EXPOSURE:

Dermal - skin.

Eyes.

Inhalation.

OTHER:

Product releases methanol (1-3% by weight) during cure process

Product releases ammonia (0.1-0.3% by weight) during cure
process.

4. FIRST AID MEASURES

INGESTION:

Rinse mouth with water several times

SKIN:

To clean from skin, remove completely with a dry cloth or paper
towel, before washing with detergent and water

Get medical attention if irritation persists

INHALATION:

Move person to fresh air

EYES:

In case of contact, immediately flush eyes with plenty of water
for at least 15 minutes and get medical attention if irritation
persists.

NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

FLASH POINT:

141

(C) 285

(F)

METHOD

:

COC

IGNITION TEMP

:

UNK

(C) UNK

(F)

FLAMMABLE LIMITS IN AIR - LOWER (%):

NA

FLAMMABLE LIMITS IN AIR - UPPER (%):

NA

SENSITIVITY TO MECHANICAL IMPACT (Y/N):

NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA:

All standard firefighting media

SPECIAL FIREFIGHTING PROCEDURES:

None known.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a
container for disposal

Wash walking surfaces with detergent and water to reduce slip-
ping hazard.

*** CONTINUED ON NEXT PAGE ***

Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use.
Avoid contact with skin and eyes.
Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation.
Use mechanical ventilation to stay below TLV of 25 ppm ammonia.
Product releases ammonia during application and curing.
Uncured product contact irritates eyes.
Uncured product contact may irritate skin.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Eyewash stations.
Use in a well ventilated area

RESPIRATORY PROTECTION:

Use in a well ventilated area.

PROTECTIVE GLOVES:

Cloth gloves.

EYE AND FACE PROTECTION:

Safety glasses

OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

VENTILATION:

Use only in well ventilated area

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION.

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE(20 C) (MM HG):	:	NEG		
VAPOR DENSITY (AIR=1)	:	NEG		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	SOLID		
ODOR	:	AMMONIA		
COLOR	:	WHITE		
ODOR THRESHOLD (PPM)	:	46.8		
% VOLATILE BY VOLUME	:	<4		
EVAP. RATE(BUTYL ACETATE=1):	:	NA		
SPECIFIC GRAVITY (WATER=1)	:	1.44		
DENSITY (KG/M3)	:	1474		
ACID/ALKALINITY (MEQ/G)	:	UNK		
PH	:	NA		
VOC EXCL.H2O & EXEMPTS(G/L):	:	<7		
SOLUBILITY IN WATER (20 C)	:	INSOLUBLE		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	:	UNKNOWN		

10. STABILITY AND REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:
Carbon monoxide.
Carbon dioxide
Silicon dioxide.
Ammonia.
INCOMPATIBILITY (MATERIALS TO AVOID):
Applies in uncured state
CONDITIONS TO AVOID:
Applies in uncured state

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:
ACUTE ORAL LD50 (MG/KG): NA
ACUTE DERMAL LD50 (MG/KG): NA
ACUTE INHALATION LC50 (MG/L): NA
OTHER:
None.

AMES TEST: UNKNOWN

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:
Disposal should be made in accordance with federal, state and local regulations

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE
DOT HAZARD CLASS: NOT DOT REGULATED
DOT LABEL(S): NONE
UN/NA NUMBER: NONE
PLACARDS: NONE
IATA:
NOT REGULATED BY IATA
IMO IMDG-code: NONE
EMS No: NA
EUROPEAN CLASS:
RID (OCTI): NONE
ADR (ECE): NONE
RAR (IATA): NONE

15. REGULATORY INFORMATION

SARA SECTION 302:
None Found
SARA (311,312) HAZARD CLASS:
ACUTE HEALTH HAZARD

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION:

NONE

WHMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

D2B TOXIC MATERIALS

WHMIS TRADE SECRET:

None

EXPORT:

SCHDLE B/HTSUS:

3214.10 Mastic Based on Rubber

ECCN:

EAR99

HAZARD RATING SYSTEMS

HMIS

FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

NFPA

FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

CALIFORNIA PROPOSITION 65:

NONE

16. OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

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C = ceiling limit	NEGL = negligible
EST= estimated	NF = none found
NA = not applicable	UNKN = unknown
NE = none established	REC = recommended
ND = none determined	V = recomm. By vendor
By-product = reaction by-product, TSCA inventory	SKN = skin
status not required under 40 CFR part 720.30(h-2)	TS = trade secret
STEL = short term exposure limit	R = recommended
	MST = mist
	NT = not tested

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*** END OF MSDS ***